

To: ASTRAZENECA Global Intellectual Property P O Box 272 Mereside, Alderley Park Macclesfield, Cheshire SK10 4GR UNITED KINGDOM	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION (PCT Rule 44.1)
	Date of mailing (day/month/year) 05/04/2004
Applicant's or agent's file reference 100855-1 WO	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/GB 03/05498	International filing date (day/month/year) 15/12/2003
Applicant ASTRAZENECA AB	
<p>1. <input checked="" type="checkbox"/> The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.</p> <p>Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):</p> <p>When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.</p> <p>Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Fascimile No.: (41-22) 740.14.35</p> <p>For more detailed instructions, see the notes on the accompanying sheet.</p> <p>2. <input type="checkbox"/> The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.</p> <p>3. <input type="checkbox"/> With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:</p> <ul style="list-style-type: none"> <input type="checkbox"/> the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. <input type="checkbox"/> no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. <p>4. Further action(s): The applicant is reminded of the following:</p> <p>Shortly after 18 months from the priority date, the International application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.</p> <p>Within 19 months from the priority date, a demand for International preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).</p> <p>Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.</p>	

Name and mailing address of the International Searching Authority



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Chantal Meyer

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]: "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]: "Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]: "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 48.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the International application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 100855-1 WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 03/05498	International filing date (day/month/year) 15/12/2003	(Earliest) Priority Date (day/month/year) 19/12/2002
Applicant ASTRAZENECA AB		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 9 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. Certain claims were found unsearchable (See Box I).

3. Unity of Invention is lacking (see Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

OXAZOLIDINONE DERIVATIVES AS ANTIBACTERIAL AGENTS

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

None of the figures.

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D413/14 C07D413/10 A61K31/44 //C07D413/14 63:00,
257:00,213:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, BIOSIS, PAJ, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03 022824 A (SWAIN MICHAEL LINGARD ;ASTRAZENECA UK LTD (GB); MILLS STUART DENNE) 20 March 2003 (2003-03-20) example 60 ---	1,2, 8-11, 13-15
Y	WO 01 94342 A (DONG A PHARM CO LTD ;CHO JONG HWAN (KR); CHOI SUNG HAK (KR); LEE J) 13 December 2001 (2001-12-13) the whole document ---	1-11, 13-16
Y	WO 00 29396 A (RADDATZ SIEGFRIED ;BARTEL STEPHAN (DE); BAYER AG (DE); HAERTER MIC) 25 May 2000 (2000-05-25) the whole document --- -/-	1-11, 13-16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

25 March 2004

Date of mailing of the international search report

05/04/2004

Name and mailing address of the ISA

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Frelon, D

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 33839 A (CHEIL JEDANG CORP ;KANG JIN AH (KR); LEE KOUN HO (KR); LEE YOUN HA) 8 July 1999 (1999-07-08) the whole document ---	1-11, 13-16
Y	WO 98 54161 A (HESTER JACKSON B JR ;NIDY ELDON GEORGE (US); PERRICONE SALVATORE C) 3 December 1998 (1998-12-03) cited in the application the whole document ---	1-11, 13-16
Y	WO 93 09103 A (UPJOHN CO) 13 May 1993 (1993-05-13) examples 1,8,11,18,21,24,27,30 ---	1-11, 13-16
Y	EP 0 352 781 A (DU PONT) 31 January 1990 (1990-01-31) examples 38,105,107,135 ---	1-11, 13-16
Y	US 5 565 571 A (BARBACHYN MICHAEL R ET AL) 15 October 1996 (1996-10-15) abstract; claims ---	1-11, 13-16
A	WO 99 03846 A (RADDATZ SIEGFRIED ;RIEDL BERND (DE); BARTEL STEPHAN (DE); BAYER AG) 28 January 1999 (1999-01-28) abstract; claims ---	1-11, 13-16
A	WO 97 21708 A (UPJOHN CO ;TUCKER JOHN A (US); BRICKNER STEVEN JOSEPH (US); ULANOW) 19 June 1997 (1997-06-19) abstract; claims ---	1-11, 13-16
A	CHUNG-HO PARK ET AL: "ANTIBACTERIALS. SYNTHESIS AND STRUCTURE-ACTIVITY STUDIES OF 3-ARYL-2-OXOAZOLIDINES. 4 MULTIPLY-SUBSTITUTED ARYL DERIVATIVES" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 35, no. 6, 20 March 1992 (1992-03-20), pages 1156-1165, XP000567006 ISSN: 0022-2623 page 1159, summary ---	1-11, 13-16

-/-

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PAE A N ET AL: "Synthesis and <i>in vitro</i> activity of new oxazolidinone antibacterial agents having substituted 1soxazoles"</p> <p>BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, OXFORD, GB, vol. 9, no. 18, 20 September 1999 (1999-09-20), pages 2679-2684, XP004179951</p> <p>ISSN: 0960-894X the whole document</p> <p>-----</p>	1-11, 13-16

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Expressions "in vivo hydrolysable ester", "prodrug" do not bring more specification to the claimed domain and appear, rather, to claim desirable properties or results to be obtained which are not achieved yet at the filing time. They encompass a great, non-limitative variety of compounds which differ from the claimed active compounds, either in the side chain(s) or in the core structure.

Present claims 1-11, 13 to 16 relate to an extremely large number of possible compounds and processes. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds and processes claimed (in fact, two examples). In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds including the definitions specified in claims 4 and 8, as they appear to be illustrated, and analogous thereof (it is noted the wording of claim 4 -contrarily to the one of claim 8- is not limiting as such since the given specifications for HET-3 do not exclude other definitions of R4 like does the specification of group C to be E which excludes group D).

Apparently the definition of R24 has been drafted to exclude the value CH₃ without using the formulation of a proviso. This results in unclear redundancies of the definition of R24.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 12 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03022824	A	20-03-2003	WO	03022824 A1		20-03-2003
WO 0194342	A	13-12-2001	KR	2002071576 A		13-09-2002
			AU	5889701 A		17-12-2001
			BR	0111280 A		10-06-2003
			CA	2411859 A1		13-12-2001
			CN	1433413 T		30-07-2003
			EP	1289984 A1		12-03-2003
			HU	0301562 A2		29-12-2003
			JP	2003535860 T		02-12-2003
			WO	0194342 A1		13-12-2001
			NZ	522990 A		29-08-2003
			US	2003166620 A1		04-09-2003
WO 0029396	A	25-05-2000	AU	1379900 A		05-06-2000
			WO	0029396 A1		25-05-2000
WO 9933839	A	08-07-1999	AU	1694099 A		19-07-1999
			WO	9933839 A1		08-07-1999
			ZA	9811851 A		14-07-1999
WO 9854161	A	03-12-1998	AU	737995 B2		06-09-2001
			AU	7488398 A		30-12-1998
			BR	9815518 A		21-11-2000
			CA	2288750 A1		03-12-1998
			CN	1138765 C		18-02-2004
			EP	0984947 A1		15-03-2000
			FI	992555 A		30-11-1999
			HU	0001393 A2		28-06-2001
			JP	2002501530 T		15-01-2002
			NO	995846 A		28-01-2000
			NZ	501412 A		30-11-2001
			PL	337329 A1		14-08-2000
			RU	2208613 C2		20-07-2003
			SK	156499 A3		12-06-2000
			US	6218413 B1		17-04-2001
			WO	9854161 A1		03-12-1998
			US	6255304 B1		03-07-2001
			US	6362189 B1		26-03-2002
			US	6342513 B1		29-01-2002
			US	2001041728 A1		15-11-2001
			US	2002016323 A1		07-02-2002
WO 9309103	A	13-05-1993	AT	146783 T		15-01-1997
			AU	667198 B2		14-03-1996
			AU	2689892 A		07-06-1993
			CA	2119556 A1		13-05-1993
			DE	69216251 D1		06-02-1997
			DE	69216251 T2		15-05-1997
			DK	610265 T3		09-06-1997
			EP	0610265 A1		17-08-1994
			GR	3022340 T3		30-04-1997
			JP	7500603 T		19-01-1995
			JP	3176626 B2		18-06-2001
			KR	257418 B1		15-05-2000
			WO	9309103 A1		13-05-1993
			US	5565571 A		15-10-1996
			US	5801246 A		01-09-1998

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9309103	A		US 5654428 A US 5756732 A US 5654435 A US 5929248 A		05-08-1997 26-05-1998 05-08-1997 27-07-1999
EP 0352781	A	31-01-1990	US 4948801 A AU 622465 B2 AU 3911589 A CA 1337526 C DK 374389 A EP 0352781 A2 FI 893618 A HU 58062 A2 IE 892438 L JP 2124877 A JP 2899319 B2 NO 893076 A NZ 230108 A PT 91315 A US 5130316 A US 5043443 A US 5254577 A ZA 8905778 A		14-08-1990 09-04-1992 01-02-1990 07-11-1995 30-01-1990 31-01-1990 30-01-1990 28-01-1992 29-01-1990 14-05-1990 02-06-1999 30-01-1990 25-10-1991 08-02-1990 14-07-1992 27-08-1991 19-10-1993 27-03-1991
US 5565571	A	15-10-1996	US 5801246 A US 5654428 A US 5756732 A US 5654435 A US 5929248 A AT 146783 T AU 667198 B2 AU 2689892 A CA 2119556 A1 DE 69216251 D1 DE 69216251 T2 DK 610265 T3 EP 0610265 A1 GR 3022340 T3 JP 7500603 T JP 3176626 B2 KR 257418 B1 WO 9309103 A1		01-09-1998 05-08-1997 26-05-1998 05-08-1997 27-07-1999 15-01-1997 14-03-1996 07-06-1993 13-05-1993 06-02-1997 15-05-1997 09-06-1997 17-08-1994 30-04-1997 19-01-1995 18-06-2001 15-05-2000 13-05-1993
WO 9903846	A	28-01-1999	DE 19730847 A1 AU 8441798 A WO 9903846 A1 ZA 9806360 A		28-01-1999 10-02-1999 28-01-1999 27-01-1999
WO 9721708	A	19-06-1997	AT 232530 T AU 703784 B2 AU 1407797 A CA 2236677 A1 DE 69626218 D1 DE 69626218 T2 DK 868424 T3 EP 0868424 A1 ES 2192235 T3 JP 2000501731 T		15-02-2003 01-04-1999 03-07-1997 19-06-1997 20-03-2003 14-08-2003 19-05-2003 07-10-1998 01-10-2003 15-02-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9721708	A	PT 868424 T	30-06-2003
		SI 868424 T1	31-08-2003
		TW 403749 B	01-09-2000
		WO 9721708 A1	19-06-1997
		US 5719154 A	17-02-1998
		ZA 9609622 A	15-05-1998